



SEQUENCE LISTING

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Shin, Seung-Uon

<120> CHIMERIC ANTIBODY FUSION PROTEINS FOR THE RECRUITMENT
AND STIMULATION OF AN ANTITUMOR IMMUNE RESPONSE

<130> 176/60197

<140> 09/016,743

<141> 1998-01-30

<150> 60/037,256

<151> 1997-01-31

<150> 60/064,018

<151> 1997-11-03

<160> 14

<170> PatentIn Ver. 2.1

<210> 1

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 1

ggcataagct tgatatctga agccatgggc

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<210> 2

<211> 28

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

<400> 2

gcgcggttaa ccgttatctag gaaaatgc

28

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<210> 3
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 3
ggggatatcc accatggrat gsagctgkgt matsctctt 39

<210> 4
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 4
gactgggtca tctggatgtc ggagtggaca cctgtggag 39

<210> 5
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<220>
<223> Description of Artificial Sequence: Primer

<400> 5
ctccacaggt gtccactccg acatccagat gaccagg 38

<210> 6
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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gcttgcac ttacgttga tctccacatt gg 32

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<211> 39
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

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gactccacca gctgaacctc ggagtggaca cctgtggag

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<211> 38
<212> DNA
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<212> DNA
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<223> Description of Artificial Sequence: Primer

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tttgtgcttag ccgaggagac ggtgaccag

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<210> 10
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<223> Description of Artificial Sequence: Primer

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<210> 11
<211> 60
<212> DNA
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<223> Description of Artificial Sequence: Fusion
construct = human B7.1 extracellular domain +
(Ser-Gly4)3 flexible linker + heavy chain variable
sequences of the her2.IgG3 antibody

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aacgcctctg gtggcggtgg ctcgggcgga ggtgggtcgg gtggcggcgg atccgagggtt 60

<210> 12
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Deduced amino
acid sequence for fusion construct = human B7.1
extracellular domain + (Ser-Gly4)3 flexible linker
+ her2.IgG3 antibody heavy chain variable
sequences

<400> 12
Asn Ala Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly
1 5 10 15
Gly Ser Glu Val
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<210> 13
<211> 66
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Fusion
construct = human RANTES + (Ser-Gly4)3 flexible
linker + heavy chain variable sequences of
her2.IgG3 antibody

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atgacgggtt cctctggtgg cggcggtcg ggcggagggtg ggtcgggtgg cggcgatcc 60
gaggtt 66

<210> 14
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<212> PRT
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<220>
<223> Description of Artificial Sequence: Deduced amino acid sequence for fusion construct = human RANTES sequence + (Ser-Gly4)3 flexible linker + heavy chain variable sequences of her2.IgG3 antibody

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Met Ser Gly Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly
1 5 10 15
Gly Gly Gly Ser Glu Val
20